

|   |    |                                     |          |   |       |               |                  |
|---|----|-------------------------------------|----------|---|-------|---------------|------------------|
| <b>FORM PTO-1449</b><br><br><b>INFORMATION DISCLOSURE STATEMENT</b>   |    | Atty Docket<br><b>AI 287</b>        |          | Application No.<br><b>10/608,017</b><br><del>To Be Assigned</del> |       |               |                  |
|   |    | Applicant<br><b>Masashi SANO</b>    |          |   |       |               |                  |
|   |    | Filing Date<br><b>June 30, 2003</b> |          | Group Unit <b>2878</b><br><del>To Be Assigned</del>               |       |               |                  |
| <b>U.S. PATENT DOCUMENTS</b>  |    |                                     |          |   |       |               |                  |
| Examiner<br>Initial   |    | Document<br>Number                  | Date     | Name  | Class | Sub-<br>Class | Filing<br>Date   |
|   | AA |                                     |          |   |       |               |                  |
|   | AB |                                     |          |   |       |               |                  |
|   | AC |                                     |          |   |       |               |                  |
|   | AD |                                     |          |   |       |               |                  |
|   | AE |                                     |          |   |       |               |                  |
|   | AF |                                     |          |   |       |               |                  |
|   | AG |                                     |          |   |       |               |                  |
|   | AH |                                     |          |   |       |               |                  |
|   | AI |                                     |          |   |       |               |                  |
|   | AJ |                                     |          |   |       |               |                  |
|   | AK |                                     |          |   |       |               |                  |
| <b>FOREIGN PATENT DOCUMENTS</b>   |    |                                     |          |   |       |               |                  |
|   |    | Document<br>Number                  | Date     | Country   | Class | Sub-<br>Class | Trans-<br>lation |
| I   | AL | 62-119983                           | 06/01/87 | Japan   |       |               | Abstract         |
| I   | AM | 4-103665                            | 09/07/92 | Japan   |       |               |                  |
|   | AN |                                     |          |   |       |               |                  |
|   | AO |                                     |          |   |       |               |                  |
| <b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |    |                                     |          |   |       |               |                  |
|   | AP |                                     |          |   |       |               |                  |
|   | AQ |                                     |          |   |       |               |                  |
|   | AR |                                     |          |   |       |               |                  |
| Examiner <u>Le</u>  |    |                                     |          | Date Considered <u>5/05</u>                                       |       |               |                  |
| <b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |    |                                     |          |   |       |               |                  |